

# INTERNATIONAL SEARCH REPORT

International Application No

PCT 03/05149

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G06K5/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 754 371 A (SAGEM) 10 April 1998 (1998-04-10)  page 4, line 30 -page 5, line 22	1-6, 10-15, 18,19
Y	---	8,9,20
Y	EP 0 997 837 A (HEWLETT PACKARD CO) 3 May 2000 (2000-05-03) column 3, line 11 -column 6, line 19 figure 1	8,9
Y	---	20
	PATENT ABSTRACTS OF JAPAN vol. 012, no. 201 (M-707), 10 June 1988 (1988-06-10) & JP 63 007955 A (PFU LTD), 13 January 1988 (1988-01-13) abstract  ---	
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

4 September 2003

Date of mailing of the international search report

30/09/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Bhalodia, A

# INTERNATIONAL SEARCH REPORT

International Application No

PCT 03/05149

## C.(Continuation)-DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 100 12 361 A (SKIDATA AG GARTENAU) 27 September 2001 (2001-09-27)  the whole document ---	1-4,6,7, 12,14, 16,18,19
A	GB 2 278 002 A (ABATHORN LTD) 16 November 1994 (1994-11-16) page 2, line 12 -page 3, line 10 figure 1 ---	1,8-12, 18
A	US 4 916 294 A (GOLDMAN ROBERT N) 10 April 1990 (1990-04-10) column 5, line 3 -column 7, line 10; figure 3 -----	1,5,15, 18-20

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PC 03/05149

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2754371	A	10-04-1998	FR 2754371 A1	10-04-1998
			AU 4559897 A	05-05-1998
			BR 9712159 A	31-08-1999
			CZ 9901164 A3	11-08-1999
			DE 69709392 D1	31-01-2002
			DE 69709392 T2	14-08-2002
			EP 0935791 A1	18-08-1999
			ES 2169431 T3	01-07-2002
			WO 9815923 A1	16-04-1998
			PT 935791 T	28-06-2002
EP 0997837	A	03-05-2000	US 2002063744 A1	30-05-2002
			EP 0997837 A2	03-05-2000
			JP 2000127515 A	09-05-2000
JP 63007955	A	13-01-1988	NONE	
DE 10012361	A	27-09-2001	DE 10012361 A1	27-09-2001
GB 2278002	A	16-11-1994	AT 177233 T	15-03-1999
			AU 6655094 A	12-12-1994
			DE 69416832 D1	08-04-1999
			DE 69416832 T2	23-09-1999
			DE 699327 T1	24-10-1996
			DK 699327 T3	04-10-1999
			EP 0699327 A1	06-03-1996
			ES 2131195 T3	16-07-1999
			WO 9427259 A1	24-11-1994
			GR 3030217 T3	31-08-1999
US 4916294	A	10-04-1990	NONE	